

**ABSTRACT OF THE DISCLOSURE**

A biodegradable cationic lipopolymer comprising a polyethylenimine (PEI), a lipid, and a biocompatible hydrophilic polymer, wherein 1) the lipid and the biocompatible hydrophilic polymer are directly linked to the PEI backbone or 2) the lipid is linked to the PEI backbone through the biocompatible hydrophilic polymer. The cationic lipopolymers of the present invention can be used for delivery of a nucleic acid or any anionic bioactive agent to various organs and tissues after local or systemic administration.